

## EAST Search History

| Ref # | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|---|------------------|---------|------------------|
| S1    | 1167   | (257/177,687).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/10/23 16:45 |
| S2    | 10     | ((("6265753") or ("6201696") or ("3453292") or ("5892289")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/10/23 16:46 |
| S3    | 28     | ("4814943"   "5081562"   "5386342"   "5398160"   "5940271").PN. OR ("6201696").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/10/23 16:50 |
| S4    | 119    | (case or casing or frame or housing) near8 (fill or filled or filling or inject\$4) near8 (silicon near gel)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/23 16:56 |
| S5    | 7      | ("5928768"   "6066219"   "6261703"   "6309737").PN. OR ("6690087").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/10/23 17:22 |
| S6    | 1      | ("5986218").PN. OR ("6440574").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/10/23 17:26 |
| S7    | 41     | ("5291065").URPN.   | USPAT   | OR               | ON      | 2007/10/28 12:35 |
| S8    | 643    | (257/E23.181).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/10/23 17:36 |
| S9    | 874    | (438/121).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/10/24 15:06 |
| S10   | 160596 | (chip or die or dice or element or IC or component or (integrated near circuit) or device) near8 ((metal or conductor or conductive or conducting or electrode) near8 (base or support\$4)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/24 11:31 |

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|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| S11 | 228648 | (seal\$4 or encapsulat\$4 or cover\$4 or mold\$4 or barrier or protect\$4) near8 (polymer or polymerization or polyimide) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/24 11:34 |
| S12 | 578    | S10 same S11  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/24 11:34 |
| S13 | 14950  | (438/106-127).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/24 11:34 |
| S14 | 40     | S12 and S13   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/24 11:34 |
| S15 | 2      | ("6201696").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/24 15:06 |
| S16 | 4      | ((("6265753") or ("5892289"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/25 14:06 |
| S17 | 19     | ("5616958"   "5629566"   "5641996"   "5670826").PN. OR ("5892289").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2007/10/25 14:11 |
| S18 | 2      | ("6201696").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/25 14:27 |

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|     |    |  |   |    |     |                  |
|-----|----|--|---|----|-----|------------------|
| S19 | 2  | ("5359208").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/25 14:28 |
| S20 | 18 | (partial near discharge) same (module or stack\$4 or package or packaged or packaging) same (chip or IC or element or component or (integrated near circuit) or device or die) same (wafer or substrate or carrier or board) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/25 14:30 |
| S21 | 15 | ("3144704"   "5155660"   "5202578"   "5384683"   "5389743"   "5424579"   "5444295"   "5471089"   "5519252"   "5521437"   "5559374"   "5661343"   "5736234"   "5956231").PN. OR ("7141741").URPN.                             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2007/10/25 14:37 |
| S22 | 26 | ("5559374").URPN.  | USPAT   | OR | ON  | 2007/10/25 14:38 |
| S23 | 5  | (HV or (high near voltage)) same (silicone near gel) and (partial near discharge) and (delamination or bubbles or moisture or evaporation)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/25 14:43 |
| S24 | 11 | ("4814943"   "5081562"   "5386342"   "5398160"   "5940271").PN. OR ("6597063").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2007/10/25 14:44 |
| S25 | 28 | ("4814943"   "5081562"   "5386342"   "5398160"   "5940271").PN. OR ("6201696").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2007/10/25 14:45 |
| S26 | 4  | ((sealant near8 (polyimide)) near8 (corner or peripheral or edge))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/25 14:52 |

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|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S27 | 28613 | ((chip or die or element or IC or device or component or (integrated near circuit) or dice) same (wafer or substrate or carrier or board) same (plate or conductor or metal or conductive or conducting)) same (sealant near8 concave or curve or curved or curving) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/25 14:51 |
| S28 | 9770  | ((sealant or (polyimide)) near8 (corner or peripheral or edge))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/25 14:52 |
| S29 | 60    | S27 and S28  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/25 15:41 |
| S30 | 2     | ("6265753").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/25 15:41 |
| S31 | 2     | ("6201696").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/25 15:41 |
| S32 | 8     | ((("3453292") or ("5892289") or ("6265753")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/28 12:52 |
| S33 | 329   | (438/117).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/28 12:52 |

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|     |        |  |   |    |     |                  |
|-----|--------|--|---|----|-----|------------------|
| S34 | 15     | ("20040109283"   "20050051906"   "20050067685"   "3871015"   "4545610"   "5950073"   "5968670"   "6506681"   "6552425"   "6559527"   "6653730"   "6667548"   "6673697"   "6703697"   "6753613").PN. OR ("7160757").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2007/10/28 13:00 |
| S35 | 954    | (257/687).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/28 13:00 |
| S36 | 11     | ("4814943"   "5081562"   "5386342"   "5398160"   "5940271").PN. OR ("6597063").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2007/10/28 13:09 |
| S37 | 28     | ("4814943"   "5081562"   "5386342"   "5398160"   "5940271").PN. OR ("6201696").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2007/10/28 13:13 |
| S38 | 31     | ("4639759"   "4916502"   "4965710"   "5006920"   "5077595"   "5291065"   "5347158").PN. OR ("5521437").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2007/10/28 13:15 |
| S39 | 32     | ("4812897"   "4823234").PN. OR ("4887148").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2007/10/28 13:23 |
| S40 | 27     | (257/E23.183).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/28 13:25 |
| S41 | 90378  | power near8 module   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/28 13:25 |
| S42 | 164344 | (bottom near plate)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/28 13:26 |

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|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S43 | 3500335 | (encapsulant or gel or silicone or fill\$4 or encapsulating)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 13:28 |
| S44 | 806     | S41 and S42 and S43   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 13:28 |
| S45 | 800     | S44 and (chip or die or element or component or IC or (integrated near circuit) or device)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 13:29 |
| S46 | 357     | S45 and (polymer or polyimide or resin or Apical or Kapton or Kaptrex or polymerization or monomer or oligomer or polymerize) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 13:32 |
| S47 | 9       | ("20030231841"   "6318908"   "6435734"   "6603782"   "6646291"   "6655856").PN. OR ("6793410").URPN.                          | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2007/10/28 13:35 |
| S48 | 57736   | power with (chip or die or device or component or IC or (integrated near circuit) or element) with (module or package)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 13:39 |
| S49 | 1465    | (fill or filled or filling or inject\$4 or dispens\$4 or embed\$4) near8 (silicone near gel)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 13:41 |
| S50 | 136     | S48 and S49   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 13:51 |

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|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S51 | 850489 | (power near8 (device or module or component))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 13:51 |
| S52 | 233284 | (rigid or fixed or unmoving or inflexible or stiff\$4 or firm or tough\$4 or hard\$4 or rocky or rugged or strong or sturdy) near8 resin                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 14:03 |
| S53 | 49     | S51 same (interpos\$4 or between or sandwich\$4 or link\$4) same (silicone near gel)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 14:02 |
| S54 | 11     | (rigid near8 resin) with (silicone near gel)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 14:02 |
| S55 | 112    | ((rigid or fixed or unmoving or inflexible or stiff\$4 or firm or tough\$4 or hard\$4 or rocky or rugged or strong or sturdy) near8 resin) with (silicone near4 gel) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 14:04 |
| S56 | 101    | S55 not S54  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 14:42 |
| S57 | 17854  | (polyimide near8 ((epoxy near resin) or (polyester near resin)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 14:43 |
| S58 | 88     | S57 and (silicone near gel)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 14:48 |

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|     |      |                                       |   |    |    |                  |
|-----|------|---------------------------------------|---|----|----|------------------|
| S59 | 3559 | polyimide near8 (silicone near resin) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 14:50 |
| S60 | 10   | S59 and (power near module)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/28 16:36 |